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NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

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AUG 1 1966

I.

Operator <b>Gulf Oil Corporation</b>		<b>O. C. C.</b> <b>ARTEBIA, OFFICE</b>
Address <b>Box 670, Hobbs, New Mexico</b>		
Reason(s) for filing (Check proper box)		Other (Please explain)
New Well <input checked="" type="checkbox"/>	Change in Transporter of:	<b>New Well</b>
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Littlefield AB Federal</b>	Well No. <b>4</b>	Pool Name, including Formation <b>Shugart - Delaware</b>	Kind of Lease State, Federal or Fee <b>Federal</b>
Location Unit Letter <b>E</b> , <b>2310</b> Feet From The <b>North</b> Line and <b>660</b> Feet From The <b>West</b> Line of Section <b>22</b> , Township <b>18-S</b> , Range <b>31-E</b> , NMPM, <b>Eddy</b> County			

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <b>Texas-New Mexico Pipeline Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>Box 1510, Midland, Texas</b>					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>None - Gas is vented</b>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit <b>K</b>	Sec. <b>22</b>	Twp. <b>18-S</b>	Rge. <b>31-E</b>	Is gas actually connected? <b>No</b>	When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded <b>6-22-66</b>	Date Compl. Ready to Prod. <b>7-14-66</b>	Total Depth <b>5125'</b>	P.B.T.D. <b>5081'</b>					
Pool <b>Shugart</b>	Name of Producing Formation <b>Delaware</b>	Top Oil/Gas Pay <b>4939'</b>	Tubing Depth <b>4949'</b>					
Perforations <b>4939-41' and 4947-49'</b>			Depth Casing Shoe <b>5110</b>					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE <b>12-1/4"</b> <b>7-7/8"</b>	CASING & TUBING SIZE <b>8-5/8"</b> <b>5-1/2"</b>		DEPTH SET <b>645'</b> <b>5110'</b>		SACKS CEMENT <b>350 (Calculated) (sacks)</b> <b>660 sacks (TOC &amp; 1970')</b>			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks <b>7-11-66</b>	Date of Test <b>7-29-66</b>	Producing Method (Flow, pump, gas lift, etc.) <b>Pump</b>	
Length of Test <b>24 hours</b>	Tubing Pressure <b>--</b>	Casing Pressure <b>--</b>	Choke Size <b>2"</b>
Actual Prod. During Test <b>66</b>	Oil-Bbls. <b>25</b>	Water-Bbls. <b>41</b>	Gas-MCF <b>--</b>

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

ORIGINAL SIGNED BY  
C. D. BORLAND

Area Production Manager

July 29, 1966

(Signature)

(Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED **AUG 1 1966**, 19

BY **McArmstrong**

TITLE **OIL AND GAS INSPECTOR**

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

WELL NAME AND NUMBER LITTLEFIELD "AB" FEDERAL #4 *copy to J.F.*  
 LOCATION 2310/N 660/W 22-18S-31E, Eddy County, New Mexico  
 (New Mexico give U,S,T & R; Texas give S,Blk.,Sur.& Twp.when required)  
 OPERATOR GULF OIL CORPORATION  
 DRILLING CONTRACTOR MORAN OIL PRODUCING & DRILLING CORP.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 232</u>	<u>2 3910</u>		
<u>1 497</u>	<u>2 4020</u>		
<u>1 647</u>	<u>1 1/4 4531</u>		
<u>3/4 977</u>	<u>1 4650</u>		
<u>1 1283</u>	<u>1 1/4 5125</u>		
<u>1 1/2 1584</u>			
<u>1 1/4 1776</u>			
<u>1 3/4 1920</u>			
<u>1 1/4 2070</u>			
<u>1 2220</u>			
<u>1 1/2 2386</u>			
<u>1 2750</u>			
<u>1 1/4 3150</u>			
<u>1 1/2 3389</u>			

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AUG 1 1966

O. C. C.  
ARTEZIA, OFFICE

Drilling Contractor MORAN OIL PROD. & DRLLG. CORP.

By, *L. H. McElroy*

Subscribed and sworn to before me this 7th day of July, 1966

My Commission Expires:  
August 7, 1969

*Reggie Jean Peters*  
Notary Public  
Lea County, New Mexico